

## Cellular Network Infrastructure - Bug #3660

### TTCN3 Jenkins jobs leave Docker containers running when stopped

10/17/2018 09:26 AM - osmith

<b>Status:</b>	New	<b>Start date:</b>	10/17/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	osmith	<b>% Done:</b>	0%
<b>Category:</b>			
<b>Target version:</b>			
<b>Spec Reference:</b>			
<b>Description</b>			
<p>The jenkins.sh scripts start multiple containers and stops them at the end of the script. When aborting a job with the web interface, the script gets killed and can not do the clean up part. <a href="#">Jenkins kills all child processes</a>, but not the containers as they get spawned by the docker daemon.</p> <p>Ideas to resolve this:</p> <ul style="list-style-type: none"><li>• open a bug report at Jenkins to not kill processes with -9 in a bug report, then wait for a stable release with the fix, then implement clean up on receiving SIGABRT in jenkins.sh</li><li>• try out the <a href="#">PostBuildScript Plugin</a> (or <a href="#">Post build task</a>, that <a href="#">should work</a> for sure), see if they allow executing code on abort of the job</li><li>• try to attach the environment variable that jenkins is using to decide which processes will be killed (see link above) to the processes in the Docker containers</li></ul>			

#### History

##### #1 - 05/08/2019 01:58 PM - laforge

please at the very least submit a bug report at Jenkins to get the discussion going upstream. If we had done that 7 months ago, a fix might already exist today.

##### #2 - 05/09/2019 10:03 AM - osmith

Sorry for the delay, I've done the research to prepare a bug report now. Turns out that a related pull request has been merged to jenkins master in August 2018 (so it must be in the version we are running already):

[JENKINS-17116] - When aborting a build, wait up to 2min for process termination

When a build is aborted by the user, Jenkins will now gracefully terminate involved processes by giving it up to 30 seconds time to exit after having received SIGTERM (on Linux) or Ctrl+C on Windows.

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<https://github.com/jenkinsci/jenkins/pull/3414>

Here is the related issue:

<https://issues.jenkins-ci.org/browse/JENKINS-17116>

The issue is in the "in review" state, which means they are waiting for people to confirm that it works as expected, as I understand. I have tested on our jenkins, whether this works, and it does not work. So I've replied in detail to that issue:

<https://issues.jenkins-ci.org/browse/JENKINS-17116?focusedCommentId=366455&page=com.atlassian.jira.plugin.system.issuetabpanels%3Acomment-tabpanel#comment-366455>

Test job result:

[https://jenkins.osmocom.org/jenkins/job/TEST\\_trap\\_in\\_jenkins\\_job/8/console](https://jenkins.osmocom.org/jenkins/job/TEST_trap_in_jenkins_job/8/console)